

DOCKET NO. A5GN2420US

EXPRESS MAIL LABEL NO. EV229157226US  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Gregory Wayne Patterson

Title: DIFFERENTIAL COMPARATOR SYSTEMS WITH ENHANCED DYNAMIC  
RANGE

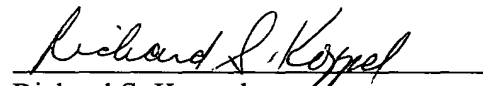
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 23313-1450

**TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT**

Sir:

Enclosed is an Information Disclosure Statement for the above application. We authorize the Commissioner to charge payment of any additional fees required in connection with this application to Deposit Account No. 11-1580. We enclose a copy of this sheet.

Respectfully submitted,



Richard S. Koppel  
Registration No. 26,475  
Attorney for Applicant

September 17, 2003

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**INFORMATION DISCLOSURE STATEMENT**

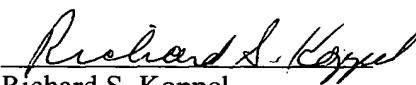
Sir:

Enclosed is PTO Form 1449 and copies of non-U.S. references for this application. The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Respectfully submitted,

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S\RI\AD\A5GN2420US IDS

Form PTO-1449										Docket Number (Optional) A5GN2420US					Application Number									
INFORMATION DISCLOSURE CITATION IN AN APPLICATION  (Use several sheets if necessary)															Applicant Patterson, Gregory Wayne									
															Filing Date					Group Art Unit				
U.S. PATENT DOCUMENTS																								
EXAMINER INITIAL		DOCUMENT NUMBER							DATE		NAME					CLASS		SUBCLASS		FILING DATE IF APPROPRIATE				
		5	2	3	1	3	9	9	7/27/93	Gorman, et al.					341		159							
		5	5	8	9	8	3	1	12/31/96	Knee					341		159							
		5	7	0	6	0	0	8	1/6/98	Huntley, et al.					341		156							
		5	9	9	0	8	1	4	11/23/99	Croman, et al.					341		118							
		6	0	1	4	0	9	7	1/11/00	Brandt					341		156							
		6	4	5	2	5	1	9	9/17/02	Swanson					341		120							
FOREIGN PATENT DOCUMENTS																								
		DOCUMENT NUMBER							DATE		COUNTRY					CLASS		SUBCLASS		TRANSLATION				
																				YES		NO		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)																								
		Petschacher, Reinhard, et al, "A 10b, 75MSPS Subranging A/D Converter with Integrated Sample and Hold", IEEE Journal of Solid-State Physics, Vol. 25, No. 6, December, 1990																						
		Waltari, Mikko, et al, "reference Voltage Drive for Low Voltage CMOS A/D Converters" IEEE International Conference on Electronics, Circuits and Systems, Vol. 1, No. 6, 2001																						
EXAMINER												DATE CONSIDERED												
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP§609; Draw line through																								